

CHAPTER 2
REINFORCEMENT**BLM 2-2**

Relating Diffusion to the Particle Theory

Goal • Use this page to review your knowledge of diffusion.**What to Do**

- Answer the questions as instructed in Parts A and B.

Part A

Use the word list to fill in the blanks in the sentences below. You may need to use words more than once.

Word List

particles

high

moving

slowly

vibrate

faster

low

1. All matter is made up of _____.
2. Particles that make up matter are never still. They are always _____.
3. In a solid substance, particles may _____ but remain in a fixed position.
4. Particles in a liquid move _____ than the particles in a solid.
5. When a liquid is cooled, its particles move more _____.
6. Diffusion is the movement of particles from a region of _____ concentration to a region of _____ concentration.

Part B

In the boxes below, draw what you think particles would look like in a liquid and in a gas. Write a brief description to explain your diagrams in the space below the boxes.

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particles in a liquid

particles in a gas